

Title (en)
SOLAR TRACKER SYSTEM

Title (de)
SONNENFOLGERSYSTEM

Title (fr)
SYSTÈME DE SUIVEUR SOLAIRE

Publication
EP 3753102 B1 20240117 (EN)

Application
EP 19754396 A 20190213

Priority
• US 201862629931 P 20180213
• US 2019017818 W 20190213

Abstract (en)
[origin: US2019253021A1] A photovoltaic system includes a collection of photovoltaic modules, a base supporting the collection of photovoltaic modules, and a damper coupled between the collection of photovoltaic modules and the base. The damper resists movement of the photovoltaic modules relative to the base. The damper has a first damping ratio when the collection of photovoltaic modules moves at a first rate relative to the base and a second damping ratio when the collection of photovoltaic modules moves at a second rate relative to the base, and the damper passively transitions from the first damping ratio to the second damping ratio.

IPC 8 full level
H02S 20/32 (2014.01); **H02S 30/00** (2014.01)

CPC (source: EP US)
H01L 31/0475 (2014.12 - US); **H02S 20/32** (2014.12 - EP US); **H02S 30/00** (2013.01 - EP US); **H02S 30/10** (2014.12 - US); **F16M 11/10** (2013.01 - US); **F16M 11/18** (2013.01 - US); **F16M 2200/021** (2013.01 - US); **G01M 9/04** (2013.01 - US); **G01M 9/06** (2013.01 - US); **Y02E 10/47** (2013.01 - EP); **Y02E 10/50** (2013.01 - EP)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
US 10630231 B2 20200421; **US 2019253021 A1 20190815**; AU 2019222676 A1 20200702; AU 2019222676 B2 20200910; AU 2020260458 A1 20201126; AU 2020260458 B2 20220210; AU 2020260458 C1 20231102; AU 2020260458 C9 20231123; EP 3753102 A1 20201223; EP 3753102 A4 20211229; EP 3753102 B1 20240117; ES 2972139 T3 20240611; PL 3753102 T3 20240708; PT 3753102 T 20240221; US 10848097 B1 20201124; US 10903782 B2 20210126; US 11750147 B2 20230905; US 11764722 B2 20230919; US 11837990 B2 20231205; US 11843346 B2 20231212; US 11843347 B2 20231212; US 11949368 B2 20240402; US 2019319578 A1 20191017; US 2020373880 A1 20201126; US 2021044252 A1 20210211; US 2021135619 A1 20210506; US 2021159848 A1 20210527; US 2021242824 A1 20210805; US 2021257963 A2 20210819; US 2021257966 A1 20210819; US 2021320617 A1 20211014; US 2022074809 A1 20220310; US 2022146369 A1 20220512; US 2022149776 A1 20220512; US 2024039461 A1 20240201; US 2024213914 A1 20240627; WO 2019160928 A1 20190822

DOCDB simple family (application)
US 201916274557 A 20190213; AU 2019222676 A 20190213; AU 2020260458 A 20201029; EP 19754396 A 20190213; ES 19754396 T 20190213; PL 19754396 T 20190213; PT 19754396 T 20190213; US 2019017818 W 20190213; US 201916443535 A 20190617; US 201917287607 A 20190213; US 202016991826 A 20200812; US 202017077840 A 20201022; US 202117144479 A 20210108; US 202117160020 A 20210127; US 202117236829 A 20210421; US 202117308001 A 20210504; US 202117508967 A 20211022; US 202217648545 A 20220120; US 202217648546 A 20220120; US 202318446363 A 20230808; US 202418597795 A 20240306